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| FORM PTO-1390   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   | ATTORNEY'S DOCKET NUMBER                       |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b> |   | <b>043888-0514</b>                             |
| U.S. APPLICATION NUMBER (if known, see 37 CFR 1.5)<br><b>107593632</b><br>Not Yet Assigned  |   |  |
| INTERNATIONAL APPLICATION NO<br><b>PCT/JP2005/005391</b>  | INTERNATIONAL FILING DATE<br><b>March 24, 2005</b>  | PRIORITY DATE CLAIMED<br><b>March 25, 2004</b> |
| TITLE OF INVENTION<br><b>ALKALINE BATTERY</b>   |   |  |
| APPLICANTS FOR DO/EO/US<br><b>Yasuo MUKAI, Hidekatsu IZUMI, Katsuya SAWADA, Michiko FUJIWARA, Shigeto NOYA</b>                      |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:     |   |  |
| 1.  | <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |
| 2.  | <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.  |  |
| 3.  | <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |  |
| 4.  | <input checked="" type="checkbox"/> The US has been elected (Article 31).   |  |
| 5.  | <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)  |  |
| 6.  | <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |  |
| 7.  | <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.<br>d. <input checked="" type="checkbox"/> have not been made and will not be made. |  |
| 8.  | <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |
| 9.  | <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |
| 10.   | <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |  |
| Items 11. to 16. below concern other document(s) or information included:   |   |  |
| 11.   | <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |
| 12.   | <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |  |
| 13.   | <input checked="" type="checkbox"/> A preliminary amendment.  |  |
| 14.   | <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.   |  |
| 15.   | <input type="checkbox"/> A substitute specification.  |  |
| 16.   | <input type="checkbox"/> A power of attorney and/or change of address letter.   |  |
| 17.   | <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.   |  |
| 18.   | <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).  |  |
| 19.   | <input type="checkbox"/> A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).   |  |
| 20.   | <input checked="" type="checkbox"/> Other items or information.<br>1) Front Page of International Publication<br>2) PCT Request<br>3) International Search Report<br>4) PCT/IB/301<br>5) PCT/IB/304<br>6) PCT/IB/308  |  |

IAP9/Rec'd PCT/PTO 21 SEP 2006

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| U.S. APPLIC. NO. (if known, see 37 CFR 1.50)<br>Not yet assigned<br><b>10/593632</b>  | INTERNATIONAL APPLICATION NO.<br>PCT/JP2005/005391  | ATTORNEY'S DOCKET NUMBER<br>043888-0514                                       |            |                              |
|   |   | CALCULATIONS      PTO USE ONLY  |            |                              |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:   |   |   |            |                              |
| <input checked="" type="checkbox"/> Basic National Stage Fee  |   | \$300      \$300.00   |            |                              |
| 22. <input checked="" type="checkbox"/> Examination Fee<br>If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)                                 |   | \$0   |            |                              |
| All other situations  |   | \$200   |            |                              |
| 23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))<br><br>If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)                      |   | \$0   |            |                              |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority   |   | \$100   |            |                              |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB  |   | \$400   |            |                              |
| All other situations  |   | \$500   |            |                              |
| <b>TOTAL OF 21, 22 and 23 =</b>   |   | \$900.00  |            |                              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |   | \$0   |            |                              |
| Total Sheets  | Extra Sheets  | Number of each additional 50 or fraction Thereof (round up to a whole number) | RATE       |                              |
| 18-100  | 0/50=   | 0   | X\$250     | \$0                          |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |   |   | \$0        |                              |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA  | RATE       |                              |
| Total Claims  | 3-20 =  | 0   | x \$50.00  | \$0                          |
| Independent Claims  | 1-3 =   | 0   | x \$200.00 | \$                           |
| Multiple dependent claim(s) (if applicable)   |   |   | + \$360.00 | \$0                          |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |   |   |            | \$900.00                     |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |   |   |            | \$                           |
|   |   |   |            | <b>SUBTOTAL =</b>            |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |   |   |            | \$900.00                     |
|   |   |   |            | +                            |
|   |   |   |            | <b>TOTAL NATIONAL FEE =</b>  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |   |   |            | \$0                          |
|   |   |   |            | +                            |
|   |   |   |            | <b>TOTAL FEES ENCLOSED =</b> |
|   |   |   |            | \$900.00                     |
|   |   |   |            | Amount to be refunded        |
|   |   |   |            | \$                           |
|   |   |   |            | Amount to be charged         |
|   |   |   |            | \$900.00                     |
| a. <input type="checkbox"/>   | A check in the amount of \$ _____ to cover the above fees is enclosed.  |   |            |                              |
| b. <input checked="" type="checkbox"/>  | Please charge my Deposit Account No. <u>500417</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  |   |            |                              |
| c. <input checked="" type="checkbox"/>  | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed. |   |            |                              |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |   |   |            |                              |
| SEND ALL CORRESPONDENCE TO:   |   | September 21, 2006  |            |                              |
| Customer Number 53080   |   | DATE  |            |                              |
| Telephone: 202.756.8000   |   |   |            |                              |
| Facsimile: 202.756.8087   |   |   |            |                              |
|   |   | SIGNATURE   |            |                              |
|   |   | Michael E. Fogarty  |            |                              |
|   |   | NAME  |            |                              |
|   |   | 36,139  |            |                              |
|   |   | REGISTRATION NUMBER   |            |                              |